



ARTIFICIAL INTELLIGENCE ADVANCE

eLearning Course Title: **ARTIFICIAL INTELLIGENCE (ADVANCE)**

eLearning Course Type: **Paid**

Registration Fee (including GST):- **Rs. 1499/-**

Course conducted by Group/ Regional Directorate Name:- **HRM & CoE Group**

Name & Designation of Course Coordinator: **Mr. Yadu Kr. Yadav, Assistant Director**

Course Coordinator Contact Details: **+91-9958748893**

About eLearning Program (Brief One para): -

Artificial intelligence (AI) refers to the simulation of human intelligence in machines that are programmed to think like humans and mimic their actions. The term may also be applied to any machine that exhibits traits associated with a human mind such as learning and problem-solving.

eLearning Course Coverage (Specify Module details) :-

MODULES	Advance Level
1	Introduction of Artificial Intelligence
2	Python Machine Learning & Deep learning packages and setups
3	Data Wrangling and Manipulation
4	Machine Learning Introduction - Sickit learn
5	Supervised Learning
6	Regression : Outliers , Multicollinearity, Heteroscedasticity
7	Classification
8	Unsupervised learning
9	Time Series Modelling
10	customization and optimization
11	Deep Learning & AI - Keras
12	Neural Network

13	Training Feed Forward Neural Network
14	Backpropogation
15	Artificial Neural Network
16	Recurrent Neural Network
17	Convolution Neural Network
18	Reinforcement Learning
19	Q -Learning
20	Deep Q - learning
21	Project: Image classification - CNN & SVM
22	Wine Quality Prediction
23	Face detection

Register to learn (Key Learnings' in bullet points):

AI has been around for quite some time. From quick suggestions on search engines and auto-focus in smartphones to robot greeters at shopping centers and vehicle cruise control, AI is increasingly becoming a part of our day-to-day lives. Its benefits include:

- ✓ Automation
- ✓ Smart Decision Making
- ✓ Enhanced Customer Experience
- ✓ Research and Data Analysis
- ✓ Solving Complex Problems
- ✓ Managing Repetitive Tasks
- ✓ Minimizing Errors
- ✓ Increased Business Efficiency

Thanks & Regards
NPC Team